

Appl. No. 09/100,624
Atty. Docket No. 7187
Amdt. dated March 10, 2005
Reply to Office Action of December 29, 2004
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A papermaking belt comprising:
 - two laminae, a first lamina and a second lamina, said first and second laminae being joined in face-to-face relationship to form a unitary laminate;
 - said laminate having a first surface and a second surface opposed thereto,
 - said first surface being a paper web contacting surface and
 - said second surface being a machine contacting surface;
 - said first lamina comprising a woven fabric reinforcing structure and a patterned framework;
 - said patterned framework facing outwardly from said reinforcing structure whereby said patterned framework forms said first surface of said laminate;
 - said second lamina comprising a secondary base and batting joined thereto;
 - wherein said batting forms said second surface of said laminate,
 - wherein said batting extends through said reinforcing structure of said first lamina, and,
 - wherein an air permeability of the reinforcing structure of the first lamina is greater than an air permeability of the second lamina.
2. (Original) The papermaking belt of Claim 1, wherein said patterned framework extends outwardly from said reinforcing structure from about 0.05 to about 0.25 mm.
3. (Original) The papermaking belt of Claim 2, wherein said patterned framework comprises an essentially continuous network.
4. (Cancelled)
5. (Cancelled)

Appl. No. 09/100,624
Atty. Docket No. 7187
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6. (Original) The papermaking belt of Claim 1, wherein said batting has a basis weight of about 100 to about 1000 grams per square meter.
7. (Original) The papermaking belt of Claim 1, wherein said first lamina and said second lamina are joined in face to face relationship by said batting.
8. (Original) The papermaking belt of Claim 1, wherein said patterned framework comprises a photosensitive resin.
9. (Currently Amended) A papermaking belt comprising:
 - two laminae, a first lamina and a second lamina, said first and second laminae being joined in face-to-face relationship to form a laminate;
 - said laminate having a first surface and a second surface opposed thereto,
 - said first surface being a paper web contacting surface and
 - said second surface being a machine contacting surface;
 - said first lamina comprising a first layer of woven warp and weft yarns;
 - said warp and weft yarns being woven to provide discrete imprinting knuckles;
 - said discrete imprinting knuckles forming said first surface of said laminate;
 - said second lamina comprising a secondary base and batting joined thereto;
 - wherein said batting forms said second surface of said laminate and extends into said first lamina.
10. (Cancelled)
11. (Previously Presented) The papermaking belt of Claim 9, wherein said batting of said second lamina is needled between said first lamina and said second lamina.

Appl. No. 09/100,624
Atty. Docket No. 7187
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12. (Original) The papermaking belt of Claim 9, wherein said first lamina comprises a multi-layer fabric having a second layer of warp and weft yarns, said second layer being interposed between said first layer of said first lamina and said second lamina.

13. (Original) The papermaking belt of Claim 9, wherein said first layer is woven to define bilaterally staggered sub-top surface-crossovers.

14. (Original) The papermaking belt of claim 9, wherein said warp and weft yarns are woven to provide long knuckles.

15. (Original) The papermaking belt of Claim 12, wherein said long knuckles are oriented in a machine direction.

16. (Currently Amended) A papermaking belt comprising:

two laminae, a first lamina and a second lamina, said first and second laminae being joined in face-to-face relationship to form a laminate;

said laminate having a first surface and a second surface opposed thereto,

said first surface being a paper web contacting surface,

said second surface being a machine contacting surface;

said first lamina having a first layer and a second layer;

said first layer comprising woven warp and weft yarns providing discrete imprinting knuckles;

said second layer comprising a patterned framework disposed on said first layer and extending outwardly therefrom;

said patterned framework forming a first imprinting pattern on said first surface of said laminate, said first imprinting pattern being imprintable upon a paper web during papermaking;

said second lamina comprising a secondary base and batting joined thereto;

wherein said batting forms said second surface of said laminate and extends into said first lamina.

Appl. No. 09/100,624
Atty. Docket No. 7187
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17. (Original) The papermaking belt of Claim 16, wherein said patterned framework extends outwardly from said first layer from about 0.05 to about 0.25 mm.
18. (Original) The papermaking belt of Claim 17, wherein said patterned framework comprises an essentially continuous network.
19. (Cancelled)
20. (Previously Presented) The papermaking belt of Claim 16, wherein said batting of said second lamina is needled between said first lamina and said second lamina.
21. (Original) The papermaking belt of Claim 16, wherein said discrete imprinting knuckles provide a second imprinting pattern within said patterned framework, said second imprinting pattern being imprintable upon a paper web during papermaking.
22. (Original) The papermaking belt of Claim 1, wherein said reinforcing structure has a caliper of about 0.279 mm to about 0.660 mm.
23. (Original) The paper making belt of Claim 1, wherein said reinforcing structure has an air permeability of about 300 scfm to about 1100 scfm.
24. (Original) The papermaking belt of Claim 1, wherein said reinforcing structure comprises a square weave woven fabric having a shed of 2.
25. (Original) The papermaking belt of Claim 3, wherein said essentially continuous network provides from about 25 percent to about 75 percent of the paper web contacting surface.